

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:

09/813,214.0

Source:

IFN16

Date Processed by STIC:

2-1-05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 02/01/2005

PATENT APPLICATION: US/09/813,214D

TIME: 11:22:30

Input Set : A:\SEQ LIST 089US.txt

Output Set: N:\CRF4\02012005\I813214D.raw

3 <110> APPLICANT: Tucker, Kenneth
 4 Plosila, Laura
 6 <120> TITLE OF INVENTION: Moraxella catarrhalis outer membrane proteins-106 polypeptide,
 7 gene sequence and uses thereof.
 9 <130> FILE REFERENCE: 089-999
 11 <140> CURRENT APPLICATION NUMBER: 09/813214D
 12 <141> CURRENT FILING DATE: 2001-03-20
 14 <150> PRIOR APPLICATION NUMBER: 08/968685
 15 <151> PRIOR FILING DATE: 1997-11-12
 17 <160> NUMBER OF SEQ ID NOS: 20
 19 <170> SOFTWARE: PatentIn version 3.3
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 22 <211> LENGTH: 43
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Moraxella catarrhalis
 26 <400> SEQUENCE: 1
 28 Ile Gly Ile Ser Glu Ala Asp Gly Gly Lys Gly Gly Ala Asn Ala Arg
 29 1 5 10 15
 32 Gly Asp Lys Ser Ile Ala Ile Gly Asp Ile Ala Gln Ala Leu Gly Ser
 33 20 25 30
 36 Gln Ser Ile Ala Ile Gly Asp Asn Lys Ile Val
 37 35 40
 40 <210> SEQ ID NO: 2
 41 <211> LENGTH: 8
 42 <212> TYPE: PRT
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 45 <400> SEQUENCE: 2
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 48 1 5
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 52 <211> LENGTH: 24
 53 <212> TYPE: DNA
 54 <213> ORGANISM: Artificial Sequence
 56 <220> FEATURE:
 57 <223> OTHER INFORMATION: oligonucleotide PCR primer
 60 <220> FEATURE:
 61 <221> NAME/KEY: misc_feature
 62 <222> LOCATION: (1)..(24)
 63 <223> OTHER INFORMATION: n is a, c, g, or t
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 W--> 66 ggnacngtnc tnggnggnaa raar
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 70 <211> LENGTH: 72

(ps, 6)

24

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77 gacattgcgc aa                                           72
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82 <212> TYPE: PRT
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98 <213> ORGANISM: Artificial Sequence
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141 attcattcaa gtgatgtgtt tgtatacgca ccatttacc ctaattatttc aatcaaattgc      180
143 ctatgtcagc atgtatcatt ttttaaggta aaccaccatg aatcacatct ataaagtcac      240
145 ctttaacaaa gccacaggca catttatggc cgtggcggaa tatgccaaat cccacagcac      300
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153	cattgctatt	ggtgatattg	ctcaggcact	tggtctctca	tctattgcta	tcggtgacaa	540
155	caaaatagtt	cataattcaa	ataataatgc	taatataggt	gccaaagcct	caggtaatga	600
157	gtccatcgcc	atcggtggtg	atgtattggc	ttctgggtcat	gcctcgattg	ccatcggtag	660
159	tgatgactta	tatttgaaaa	aggaaacggg	acagcaaate	tcagagcttc	tacctattat	720
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243	aattaacttt	agtgttaact	ctggtgatga	caaagccctt	attaacgcca	aagacatcgc	3240
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253	ccaaagcggg	cttaaagccg	gcaacaacac	cactctaaac	aacaatggct	tgtctattaa	3540
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429	atggtacgct	cagccgccaa	aaatcatgcc	catgttggtg	ttatcaccag	cccaaatgac	8820
431	tactcacgca	tcctagatga	actaaaaaac	caaggtcatt	taagccacaa	cactcgtttt	8880
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437	actcaatttt	cacgcacttt	taatcaccaa	ttcaccaaag	cacaagagct	tagatatggc	9060
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441	gcgactgcac	agcaattaca	aggtaaagcg	ttgtcttata	ataatattgc	tgataccgat	9180

RAW SEQUENCE LISTING ERROR SUMMARY
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DATE: 02/01/2005
TIME: 11:22:31

Input Set : A:\SEQ LIST 089US.txt
Output Set: N:\CRF4\02012005\I813214D.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 3,6,9,12,15,18 ✓
Seq#:6; N Pos. 7,10,13,16,19,22
Seq#:7; N Pos. 3,6,9,15,18
Seq#:13; N Pos. 6,12,15
Seq#:14; N Pos. 4,13

VERIFICATION SUMMARY

DATE: 02/01/2005

PATENT APPLICATION: US/09/813,214D

TIME: 11:22:31

Input Set : A:\SEQ LIST 089US.txt

Output Set: N:\CRF4\02012005\I813214D.raw

L:66 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:1077 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:1095 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0